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(54) Title: SYNTHESIS OF SPONGOSINE

(57) Abstract: Reaction of 1-*O*-acetyl-2,3,5-tri-*O*-benzoyl- β -D-ribofuranose with 2-methoxyadenine to form 9-(2',3',5'-tri-*O*-benzoyl- β -D-ribofuranosyl)-2-methoxyadenine, then deprotection of the 9-(2',3',5'-tri-*O*-benzoyl- β -D-ribofuranosyl)-2-methoxyadenine to form spongosine is described. Synthesis of intermediates for use in the synthesis of spongosine is also described.

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